

Title (en)  
TWO-OR THREE-PHASE POLYPHASE MOTOR

Title (de)  
ZWEI- ODER DREI-MEHRPHASIGER MOTOR

Title (fr)  
MOTEUR POLYPHASE A DEUX OU TROIS PHASES

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Application  
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Abstract (en)  
[origin: WO03028193A1] The invention concerns a polyphase motor comprising M phases, M being equal to 2 or 3, the motor consisting of a stator part (1) excited by electric coils and by a magnetized rotor (2). The invention is characterized in that the rotor (2) has a disc-shaped magnetized part with R pairs of alternately poles magnetized in alternating directions in the thickness, R being equal to  $n*(M+1)$  or  $5*n$ , and said stator part (1) has S poles, some of which excited at least by an electric coil, S being equal to  $8*n$ , for even M, and  $9*n$  for odd M, n being an integer not less than 1.

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